

WHAT IS CLAIMED IS:

1. An electric vacuum cleaner, comprising:
a vacuum cleaner body containing a motorized fan;
a floor suction tool;
5 a rotation brush in said floor suction tool;
a motor in said floor suction tool for rotating said rotation brush;
an air circulation exhaust path from said vacuum cleaner body to said floor
suction tool;
said air circulation exhaust path including an air filter, whereby air in said
10 air circulation exhaust path is clean air;
electric lines from said vacuum cleaner body to said motor for rotating said
rotation brush; and
said electric lines passing along said air circulation exhaust path, whereby
said electric lines are protected from contaminants in air moving therepast.
- 15 2. An electric vacuum cleaner according to claim 1, wherein said air
circulation exhaust path includes:
a flexible hose connected to said vacuum cleaner body;
at least one extension pipe connected between said flexible hose and said
floor suction tool; and
20 said air circulation exhaust path passing from said vacuum cleaner body
along said flexible hose and said at least one extension pipe to said floor suction
tool.

3. A vacuum cleaner according to claim 1, wherein air in said air circulation exhaust path is directed in said floor suction tool toward said rotation brush in a direction to augment rotation of said rotation brush.

4. An electric vacuum cleaner according to claim 1, wherein:

5 said floor suction tool includes a suction tool body, a pivoting pipe movable up and down with respect to said suction tool body, a connection pipe pivotable in a circumferential direction with respect to said pivoting pipe;

 said air circulation exhaust path passing through said suction tool body, said pivoting pipe and said connection pipe;

10 said feeder lines passing along said pivoting pipe and said connection pipe;

 said feeder lines have a slack in the vicinity of said pivoting pipe and said connection pipe; and

 said slack exceeding a pivoting distance of said pivoting pipe and said connection pipe.

15 5. An electric vacuum cleaner according to claim 1, wherein exhaust air is guided to said rotation brush in a rotation direction of said rotation brush.

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